

ABSTRACT OF THE DISCLOSURE

According to the brightness distribution of a previous frame, the driving current of the backlight module dynamically varies. When the concentration of the brightness distribution is toward high brightness, the backlight module increases its luminous intensity. On the contrary, when the concentration of the brightness distribution is toward low brightness, the backlight module decreases its luminous intensity. We can set the luminous modulation period of the backlight module to be synchronized with a vertical scanning period or several vertical scanning periods.